

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

FISCAL YEAR 2001 BUDGET ESTIMATES

EARTH SCIENCE BUDGET STRUCTURE CHANGE

NASA has restructured the Earth Science Budget in FY 2001 to display the resources being allocated to Research and Technology requirements in a way that can be more readily understood by NASA's customers. As a result, the Research and Technology requirements have been allocated into three categories: Earth Science Program Science, Applications Commercialization and Education (ACE) and Technology Infusion. This restructured format aligns the Research and Technology requirements with the way that they are managed within the Agency.

Given the complexity of the restructure, NASA has elected to cast the entire Earth Science Budget Narrative in the New Structure. A crosswalk from the Old Structure to the New Structure by Fiscal Year is provided in the Special Issues Section.

The following table summarizes the a Old Structure for FY 1999/FY 2000 and New Structure for FY 2001:

FY 1999 EARTH SCIENCE CROSSWALK

PROPOSED STRUCTURE

		<u>Major Development</u>			<u>Research and Technology</u>				<u>Investment</u> s	<u>Operations</u>
		918.6			439.7				0.0	55.5
<u>OLD STRUCTURE</u>	FY1999 Op Plan	EOS	EOSDIS	Earth Probes	Earth Sci Prog Science	Appl Commml & Educ	Tech Infusion	COF	Investments	Ops
<u>Earth Science Total</u>	<u>1413.8</u>	<u>547.6</u>	<u>261.7</u>	<u>109.3</u>	<u>251.8</u>	<u>82.9</u>	<u>103.5</u>	<u>1.5</u>	<u>0.0</u>	<u>55.5</u>
EOS	632.4	543.4					89.0			
EOSDIS	261.7		261.7							
Earth Probes	109.3			109.3						
Applied Research and Data Analysis	<u>399.7</u>									
Science	<u>323.6</u>									
Airborne	18.1				18.1					
UAV Science	1.9				1.9					
Commercial remote sensing	38.1					38.1				
Mission Science Teams	48.1				48.1					
R&A (included education and outreach)										
EOS Science	46.4				41.6	4.8				
R&A	161.6				136.0	25.6				
Education	9.4					9.4				
Operations, Data Retrieval, and Stc	<u>76.1</u>									
Mission Ops	55.5									55.5
HPCC	14.5						14.5			
Info Systems	6.1				6.1					
GLOBE	<u>5.0</u>					5.0				
Launch Services	<u>4.2</u>	4.2								
CofF	<u>1.5</u>							1.5		

FY 2000 EARTH SCIENCE CROSSWALK

PROPOSED STRUCTURE

		<u>Major Development</u>			<u>Research and Technology</u>				<u>Investment^s</u>	<u>Operations</u>
		926.4			469.4				0.0	47.6
<u>OLD STRUCTURE</u>	FY2000 Op Plan	EOS	EOSDIS	Earth Probes	Earth Sci Prog Science	Appl Comm'l & Educ	Tech Infusion	COF	Investments	Ops
<u>Earth Science Total</u>	<u>1443.4</u>	<u>500.9</u>	<u>261.9</u>	<u>163.6</u>	<u>286.3</u>	<u>85.7</u>	<u>96.4</u>	<u>1.0</u>	<u>0.0</u>	<u>47.6</u>
EOS	575.4	500.9					74.5			
EOSDIS	261.9		261.9							
Earth Probes	157.4			157.4						
Applied Research and Data Analysis	<u>436.5</u>									
Science	<u>359.4</u>									
Airborne	22.1				22.1					
UAV Science	4.0				4.0					
Commercial remote sensing	30.4					30.4				
Mission Science Teams	55.8				55.8					
R&A (included education and outreach)										
EOS Science	60.3				55.0	5.3				
R&A	174.6				141.8	32.8				
Education	12.2					12.2				
Operations, Data Retrieval, and St	<u>77.1</u>									
Mission Ops	47.6									47.6
HPCC	21.9						21.9			
Info Systems	7.6				7.6					
GLOBE	<u>5.0</u>					5.0				
CofF	<u>1.0</u>							1.0		
SRTM	<u>6.2</u>			6.2						

FY 2001 EARTH SCIENCE CROSSWALK

PROPOSED STRUCTURE

		<u>Major Development</u>			<u>Research and Technology</u>				<u>Investments</u>	<u>Operations</u>
		819.5			533.3				10.3	42.7
<u>OLD STRUCTURE</u>	FY 2001 President's Budget	EOS	EOSDIS	Earth Probes	Earth Sci Prog Science	Appl Comm'l & Educ	Tech Infusion	COF	Investments	Ops
<u>Earth Science Total</u>	<u>1405.8</u>	<u>447.1</u>	<u>252.0</u>	<u>120.4</u>	<u>353.2</u>	<u>69.2</u>	<u>110.9</u>	<u>0.0</u>	<u>10.3</u>	<u>42.7</u>
EOS	536.2	447.1					89.1			
EOSDIS	252.0		252.0							
Earth Probes	120.4			120.4						
Applied Research and Data Analysis	<u>481.9</u>									
Science	<u>407.7</u>									
Airborne	22.7				22.7					
UAV Science	5.0				5.0					
Commercial remote sensing	31.9					31.9				
Mission Science Teams	100.0				100.0					
R&A (included education and outreach)										
EOS Science	59.2				52.2	7.0				
R&A	184.8				163.6	21.2				
Education	4.1					4.1				
Operations, Data Retrieval, and Stc	<u>74.2</u>									
Mission Ops	42.7									42.7
HPCC	21.8						21.8			
Info Systems	9.7				9.7					
GLOBE	<u>5.0</u>					5.0				
Investments	<u>10.3</u>								10.3	
SRTM	<u>0</u>			0						